

CSC 4610 – PHP Practice 2

In this practice you will be working with the basics of the PHP language and the PDO library. For this assignment you can create everything in one PHP file. You must submit this file on Canvas to receive credit.

Database Setup

First you will need to create a small database using your MySQL server and PhpMyAdmin (or whatever local setup you chose to use). For the purpose of this practice make a database named “cats”. In this database make a table called “cats”. Add the following fields to your table:

- id: An autoincrementing integer to give each cat an id number
- name: a varchar field with the cat’s name
- age: an int field with the cat’s age
- color: a varchar field for a color description

You can also use PhpMyAdmin to test any SQL you write to access the data if needed.

PHP Page

Your PHP page for this assignment will display either a list of cats OR information about a specific cat depending on if an ID for a cat is provided in the GET variable. On all versions of the page have a link that comes back to your page with NO URL parameters called “Home”. You may NOT use a second page for the single cat detail view.

List of Cats View

If the “id” variable is NOT present in the URL (check using `$_GET`) you will display the full list of cats. On the page you will have a heading for “Cat Database” and under this heading you will list all the cats. For each cat display the following:

- Name of the cat in bold/strong text
- Color of the cat
- A link labeled “Details” which will call the page and pass in the ID of the cat to display details for

Single Cat Details View

If there is an ID, but it is not valid, provide an error message saying something like “No such cat exists”. If the ID is valid, display the cat’s name as a heading and under it display all the properties of the cat with appropriate labels.

Code Organization

For this assignment I would like you to make nicely organized code with some separation of concerns. You can use the require directive to include support files to organize your database functions and/or other resources as needed.